1. Section 102800   
   Toilet, Bath, and Laundry Accessories - ASI
   1. PART 1  GENERAL
      1. SECTION INCLUDES
         1. Hand dryers.
      2. RELATED REQUIREMENTS
      3. REFERENCE STANDARDS
         1. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
         2. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.
      4. SUBMITTALS
         1. See Section 013000 - Administrative Requirements for submittal procedures.
         2. Manufacturer's Installation Instructions:  Indicate special procedures and conditions requiring special attention.
   2. PART 2  PRODUCTS
      1. MANUFACTURERs
         1. Basis of Design Manufacturer:  American Specialties, Inc:  www.americanspecialties.com/#sle.
         2. Other Acceptable Manufacturers:
            1. Products by listed manufacturers are subject to compliance with specified requirements found in specification and in Technical Data Sheet of selected ASI model and prior approval of Architect.
         3. Substitutions:  See Section 016000 - Product Requirements.
            1. All proposed substitutions (clearly delineated as such) must be submitted in writing for approval by Architect minimum of 10 working days prior to bid date and must be made available to all bidders. Proposed substitutes must be accompanied by review of  specification and ASI Technical Data Sheets noting compliance on line-by-line basis.
      2. Hand Dryers
         1. Electric  Hand Dryers:  Traditional fan-in-case type.
            1. Operation:  Automatic, sensor-operated on and off.
            2. Mounting:  As indicated in product listing.
2. *The paragraph below is optional text*
   * + - 1. Nozzle Type:  As indicated on Technical Data Sheet for selected ASI model.
         2. Cover:  As indicated in product listing.
3. *The paragraph below is optional text*

Color:  As indicated in product listing.

Tamper-resistant screw attachment of cover to mounting plate.

1. *The paragraph below is optional text*

Screened or shielded air intake.

1. *The paragraph below is optional text*

Screen or shield to prevent access to motor/heater.

1. *The paragraph below is optional text*
   * + - 1. Supply Voltage:  As indicated on drawings.
2. *The paragraph below is optional text*
   * + - 1. Warranty:  3 years.
3. *The paragraph below is optional text*
   * + - 1. Drying Time:  Less than 12 seconds.
4. *The paragraph below is optional text*
   * + - 1. Drying Time:  As indicated on Technical Data Sheet for selected ASI model.
5. *The paragraph below is optional text*
   * + - 1. Sound Pressure:  63-68 dB(A) measured at 6.56 feet (2.0 m) from the unit.
6. *The paragraph below is optional text*
   * + - 1. Sound Pressure:  As indicated on Technical Data Sheet for selected ASI model.
         2. Products:

Model 0195 - Roval Collection - Automatic Hand Dryer - White Porcelain Enamel Cast Iron - (100-240V) - Surface-mounted.

Model 20199-1 (120V) - Roval Collection - Automatic High Speed Hand Dryer - Recessed.

Substitutions:  Section 016000 - Product Requirements.

* + 1. Materials
       1. Accessories - General:  Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.

1. *The paragraph below is optional text*
   * 1. Fabrication
        1. Roval Collection:
           1. Basic Construction Requirements:

Doors:  Curved design, one piece Type 304, 18 gauge, 0.05 inch (1.27 mm) stainless steel.

Cabinets:  Type 304, 22 gauge, 0.0312 inch (0.79 mm)stainless steel, trimless; joints welded, sight-exposed welds finished to match sheet finish.  Full access back panels.

Hinges:  Concealed, heavy-duty stainless steel multi-staked piano hinge, full length of cabinet.

Locks:  Two flush, rimless tumbler locks, keyed alike other toilet accessory locks, with one key for each lock.

Exposed Finish:  No.4 satin finish, unless noted otherwise.

* + 1. Finishes

1. *The paragraph below is optional text*
   * + 1. Shop Primed Ferrous Metals:  Pretreat and clean, spray apply one coat primer and bake.
2. *The paragraph below is optional text*
   * + 1. Back paint components where contact is made with building finishes to prevent electrolysis.
   1. PART 3  EXECUTION
      1. EXAMINATION
         1. Verify existing conditions before starting work.
         2. Verify exact location of accessories for installation.
         3. For electrically-operated accessories, verify that electrical power connections are ready and in the correct locations.
      2. PREPARATION
         1. Deliver inserts and rough-in frames to site for timely installation.
         2. Provide templates and rough-in measurements as required.
      3. INSTALLATION
         1. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
3. *The paragraph below is optional text*
   * + 1. Mounting Heights:  As required by accessibility regulations, unless otherwise indicated.
4. *The paragraph below is optional text*
   * + - 1. Electric Hand Dryers:  Measured from floor to bottom of nozzle:
5. *The paragraph below is optional text*

Men:  44 inches (1110 mm).

1. *The paragraph below is optional text*

Women:  42 inches (1060 mm).

1. *The paragraph below is optional text*

Teenager:  41 inches (1035 mm).

1. *The paragraph below is optional text*

Child:  32 inches (810 mm).

1. *The paragraph below is optional text*

Handicap:  36 inches (910 mm).

* + - * 1. Other Accessories:  As indicated on drawings.
    1. PROTECTION
       1. Protect installed accessories from damage due to subsequent construction operations.

1. END OF SECTION